

AMENDMENTS TO THE SPECIFICATION:

Please amend the indicated paragraphs of the specification in accordance with the amendments indicated below.

Page 6: First full paragraph, amend as indicated below:

Also, as the magnetic fine particles preferably used in the present invention, there may be mentioned magnetic fine particles on the surface of which is bound an antibody that selectively binds to the malignant tumor cells. The magnetic fine particles to which an antibody is bound are selectively concentrated ~~at the neighbor~~ in the vicinity of the malignant tumor cells, so that hyperthermia can be carried out without heating cells other than the malignant tumor cells.

Pages 6-7: Paragraph bridging pages 6 to 7, amend as indicated below:

The present invention also relates to a use of cytokine in hyperthermia of malignant tumor. That is, the present invention relates to a hyperthermia method of treating a malignant tumor which comprises administering cytokine to malignant tumor, and then subjecting the malignant tumor to hyperthermia, in particular, it relates to a hyperthermia method of malignant tumor which comprises

administering cytokine and magnetic fine particles to malignant tumor, and then, placing the malignant tumor in a magnetic field. The cytokine and the magnetic fine particles can be administered to the malignant tumor simultaneously, or separately with a suitable interval, and desirably they are simultaneously administered. The cytokine and the magnetic fine particles are desirably administered at the malignant tumor tissue and ~~neighbor~~ vicinity thereof.

Page 7: First full paragraph, amend as indicated below:

The present invention further relates to a use of a cytokine gene in hyperthermia of malignant tumor. That is, it relates to a hyperthermia method of treating a malignant tumor which comprises injecting a vector into which a cytokine gene is integrated, so that it can express the cytokine in malignant tumor cells, into malignant tumor whereby expressing the cytokine in the malignant tumor cells, then subjecting the malignant tumor tissue to hyperthermia. In particular, the present invention relates to a hyperthermia method of malignant tumor which comprises injecting a vector into which a cytokine gene is integrated, so that it can express the cytokine in malignant tumor cells, into malignant tumor whereby expressing the cytokine in the malignant tumor cells, and then, after administering the magnetic fine particles to the malignant tumor, placing the malignant tumor in

a magnetic field. Administration of the magnetic fine particles to malignant tumor is preferably carried out after the cytokine is sufficiently expressed in the malignant tumor cells.